receiving floor plan data corresponding to at least one of a location, dimensions, or orientation of one or more walls defining at least one room of a building;

receiving sensor data corresponding to detected activity within the at least one room of the building;

determining a type of the at least one room of the building based on the detected activity; and

modifying the floor plan data to include the determined type of the at least one of the one or more rooms, wherein a visual representation of the floor plan data is operable to be output on a display device.

12. The computer program product of claim **11** wherein the instructions are further configured to cause the one or more processors to perform operations including:

determining an area of the at least one room of the building,

wherein determining the type of the at least one room is further based on the area of the at least one room.

13. The computer program product of claim **12** wherein the floor plan data includes a plurality of rooms, and wherein determining the type of the at least one room is further based on the location of the one room relative to locations of the remaining plurality of rooms.

14. The computer program product of claim **11** wherein the sensor data includes image data, and wherein the instructions are further configured to cause the one or more processors to perform operations including:

tracking a movement of an object in the one or more rooms,

wherein determining the type of the at least one of the one or more rooms is further based on at least one of:

an amount of time the object has spent in the one or more rooms, the amount of time based on the tracked movement of the object; and

a traffic pattern of the object in the one or more rooms, the traffic pattern of the object based on the tracked movement of the object.

15. The computer program product of claim **11** wherein the sensor data includes audio data, and wherein the instructions are further configured to cause the one or more processors to perform operations including:

tracking a movement of an object in the one or more rooms,

wherein determining the type of the at least one of the one or more rooms is further based on at least one of:

an amount of time the object has spent in the one or more rooms, the amount of time based on the tracked movement of the object; and

a traffic pattern of the object in the one or more rooms, the traffic pattern of the object based on the tracked movement of the object.

16. A system comprising:

one or more processors; and

one or more non-transitory, electronic storage mediums that include instructions configured to cause the one or more processors to:

receive floor plan data corresponding to at least one of a location, dimensions, or orientation of one or more walls defining at least one room of a building;

receive sensor data corresponding to detected activity within the at least one room of the building;

determine a type of the at least one room of the building based on the detected activity; and

modify the floor plan data to include the determined type of the at least one of the one or more rooms, wherein a visual representation of the floor plan data is operable to be output on a display device.

17. The system of claim **16** wherein the instructions are further configured to cause the one or more processors to:

determine an area of the at least one room of the building,

wherein determining the type of the at least one room is further based on the area of the at least one room.

18. The system of claim **17** wherein the floor plan data includes a plurality of rooms, and wherein determining the type of the at least one room is further based on the location of the one room relative to locations of the remaining plurality of rooms.

19. The system of claim **16** wherein the sensor data includes image data, and wherein the instructions are further configured to cause the one or more processors to:

track a movement of an object in the one or more rooms,

wherein determining the type of the at least one of the one or more rooms is further based on at least one of:

an amount of time the object has spent in the one or more rooms, the amount of time based on the tracked movement of the object; and

a traffic pattern of the object in the one or more rooms, the traffic pattern of the object based on the tracked movement of the object.

20. The system of claim **16** wherein the sensor data includes audio data, and wherein the instructions are further configured to cause the one or more processors to:

track a movement of an object in the one or more rooms,

wherein determining the type of the at least one of the one or more rooms is further based on at least one of:

an amount of time the object has spent in the one or more rooms, the amount of time based on the tracked movement of the object; and

a traffic pattern of the object in the one or more rooms, the traffic pattern of the object based on the tracked movement of the object.

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